

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.

INFORMATION AND COMMUNICATION SERVICES

**SENIOR TECHNICAL SPECIALIST (Solar PV)
12 MONTHS FIXED – TERM CONTRACT
(PEROMNES GRADE 08)
HOWARD COLLEGE CAMPUS**

REF NO. ICS 02/2021

The University of KwaZulu-Natal's Information & Communication Services [ICS] Division is seeking the services of a senior technical specialist to provide technical management of Solar Photovoltaic Energy system. This position includes monitoring, configuration and management of the Photovoltaic system and Uninterrupted Power System and Generator.

The primary purpose of the incumbent will be to ensure that UKZN ICS Datacenter has a Solar Photovoltaic Energy system and Uninterrupted Power System which has protects the IT System against load shedding and power outages.

Functions include:

- Providing technical support of Solar PV System, Multi-Cluster Box, SMA Invertors, and Invertor Batteries & PV Sunny Island.
- Ensuring that faults are logged timeously and the service provider SLA is honored timeously.
- Assessing UPS and Generator requirements and provide design recommendations for Integration of the Solar PV System
- Configure, program and commission PV systems when required.
- Monitor and weekly testing of Solar PV System, UPS, generator and troubleshoot issues.
- Design, Procurement, Implementation and installation of UPS with conforming to datacenter standards and integration with PV system.
- Design, Procurement, Implementation and installation of Generator and Integration with PV System.
- Procurement of diesel, UPS Service and generator to ensure that the datacenter has uninterrupted Power

MINIMUM JOB REQUIREMENTS AND EXPERIENCE

- Three (3) year relevant qualification
- Minimum of (12) -18 months experience supporting a Solar PV System in a complex and heterogeneous environment
- Professional Associations in one or more of the following: ESCA Accreditation for Candidate Engineer; or Professional Engineer for Candidate Engineer or Golden Key Membership.

ADVANTAGES:

- Experience working in a tertiary environment.
- Experience working with SMA Invertors, UPS & Generators.
- Experience working with Solar PV System and Sunny Island.

Short-listed candidates may be required to undertake a skills test.

Appointment on this post will be made on the fixed-term rates remuneration scale.

Enquiries and details regarding this post may be directed to Mr. Kenson Govender govenderkk@ukzn.ac.za.

Applicants are required to complete the relevant application form (support), which is available on the Vacancies website at www.ukzn.ac.za. Completed forms must be sent to recruitment-tb@ukzn.ac.za

Advert Reference Number MUST be clearly stated in the subject line.

Closing date: 12 July 2021